

HANDOUT HABITAT #3

PRELIMINARY DRAFT—FOR DISCUSSION ONLY

Potential Opportunities for Tidal Marsh Restoration by ROA based on Implementability, Suitability, and Cost (Does not include assessment of covered fish species benefits.)

Restoration Opportunity Area and Land Units	Potential Opportunities for Tidal Marsh Restoration (acres) ¹					
	Very High ²	High ³	Moderate ⁴	Low ⁵	Very Low ⁶	Total Potential
Yolo Bypass/Cache Slough Complex ROA						
Prospect Island	610	1,200	0	0	0	1,810
Little Egbert	0	0	830	60	0	890
Egbert A	0	800	0	0	0	800
Egbert B	0	0	3,400	900	0	4,300
Hastings Tract	0	0	5,200	480	0	5,680
Haas Slough A	0	1,200	0	0	0	1,200
Haas Slough B	0	570	0	0	0	570
Shag Slough	5,400	70	0	0	0	5,470
Little Holland Tract	4,700	20	0	0	0	4,720
Subtotal	10,710	3,860	9,430	1,440	0	25,440
Cosumnes/Mokelumne ROA						
New Hope Tract A	0	0	2,300	10	0	2,310
New Hope Tract B	0	0	0	1,900	100	2,000
McCormack-Williamson Tract	0	1,400	100	0	0	1,500
Snodgrass Slough A	0	0	0	1,600	80	1,680
Subtotal	0	1,400	2,400	3,510	180	7,490
East Delta ROA						
Canal Ranch Tract	0	0	0	1,400	0	1,400
Bract Tract	0	0	0	540	0	540
Terminus Tract	0	0	0	1,400	0	1,400
Shin Kee Tract	0	0	0	1,400	130	1,530
Rio Blanco Tract	0	0	0	0	670	670
Subtotal	0	0	0	4,740	800	5,540
South Delta ROA						
Fabian	0	0	0	4,900	370	5,270
Union Island	0	0	0	0	12,500	12,500
Upper Roberts Island	0	0	0	10,400	730	11,130
Subtotal	0	0	0	15,300	13,600	28,900
West Delta ROA						
Sherman Island A	0	200	10	0	0	210
Sherman Island B	0	0	0	270	20	290
Decker Island	600 ⁷	4	0	0	0	604
Dutch Slough A	0	0	790	170	0	960
Grand Island	170 ⁷	0	0	0	0	170

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	Very High ²	High ³	Moderate ⁴	Low ⁵	Very Low ⁶	Total Potential
Brannan Island A	0	0	0	237	45	282
Brannan Island B	0	0	0	0	114	114
Brannan Island C	0	280 ⁷	0	0	0	280
Bradford Island	0	0	0	110	30	140
Twitchell A	0	0	0	40	0	40
Twitchell B	0	0	70	140	0	210
Twitchell C	0	0	10	0	0	10
Sacramento River North	460 ⁷	10	0	0	0	470
Subtotal	1,230	494	880	967	209	3,780
Suisun Marsh ROA						
Suisun-Montezuma West A	0	0	9,000	40	0	9,040
Suisun-Montezuma West B	0	0	6,700	10	0	6,710
Suisun-Montezuma North	0	9,000	10	0	0	9,010
Suisun-Montezuma South	0	25,200	190	0	0	25,390
Suisun-Montezuma East	0	3,000	500	0	0	3,500
Subtotal	0	37,200	16,400	50	0	53,650
Total	11,940	42,950	29,110	26,010	14,790	124,800

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	Very High ²	High ³	Moderate ⁴	Low ⁵	Very Low ⁶	Total Potential
<p>Notes:</p> <p>¹Cell values above 1,000 acres are rounded to the nearest 100 acres. Cell values below 1,000 acres are rounded to the nearest 10 acres.</p> <p>²Very high = the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #2 that achieve >80% of the highest possible Step 2 criteria score from Handout #1.</p> <p>³High = the extent of the subtidal 2 acreage elevation class from Handout #2 that achieves >80% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >70-80% of the highest possible Step 2 criteria score from Handout #1.</p> <p>⁴Moderate = the extent of the subtidal 2 acreage elevation class from Handout #2 that achieves >70-80% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >60-70% of the highest possible Step 2 criteria score from Handout #1.</p> <p>⁵Low = the extent of the subtidal 2 acreage elevation class from Handout #2 (Table 1) that achieves >60-70% of the highest possible Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve >50-60% of the highest possible Step 2 criteria score from Handout #1.</p> <p>⁶Very Low = the extent of the subtidal 2 acreage elevation class from Handout #2 (Table 1) that achieves >50-60% of the highest Step 2 criteria score from Handout #1 and the extent of sea level rise accommodation, tidal marsh, and subtidal 1 acreage elevation classes from Handout #1 that achieve ≤50% of the highest possible Step 2 criteria score from Handout #1.</p> <p>⁷Includes upland elevation class acreage shown in Handout #2 for this location that would be excavated to elevations that would support tidal marsh.</p>						